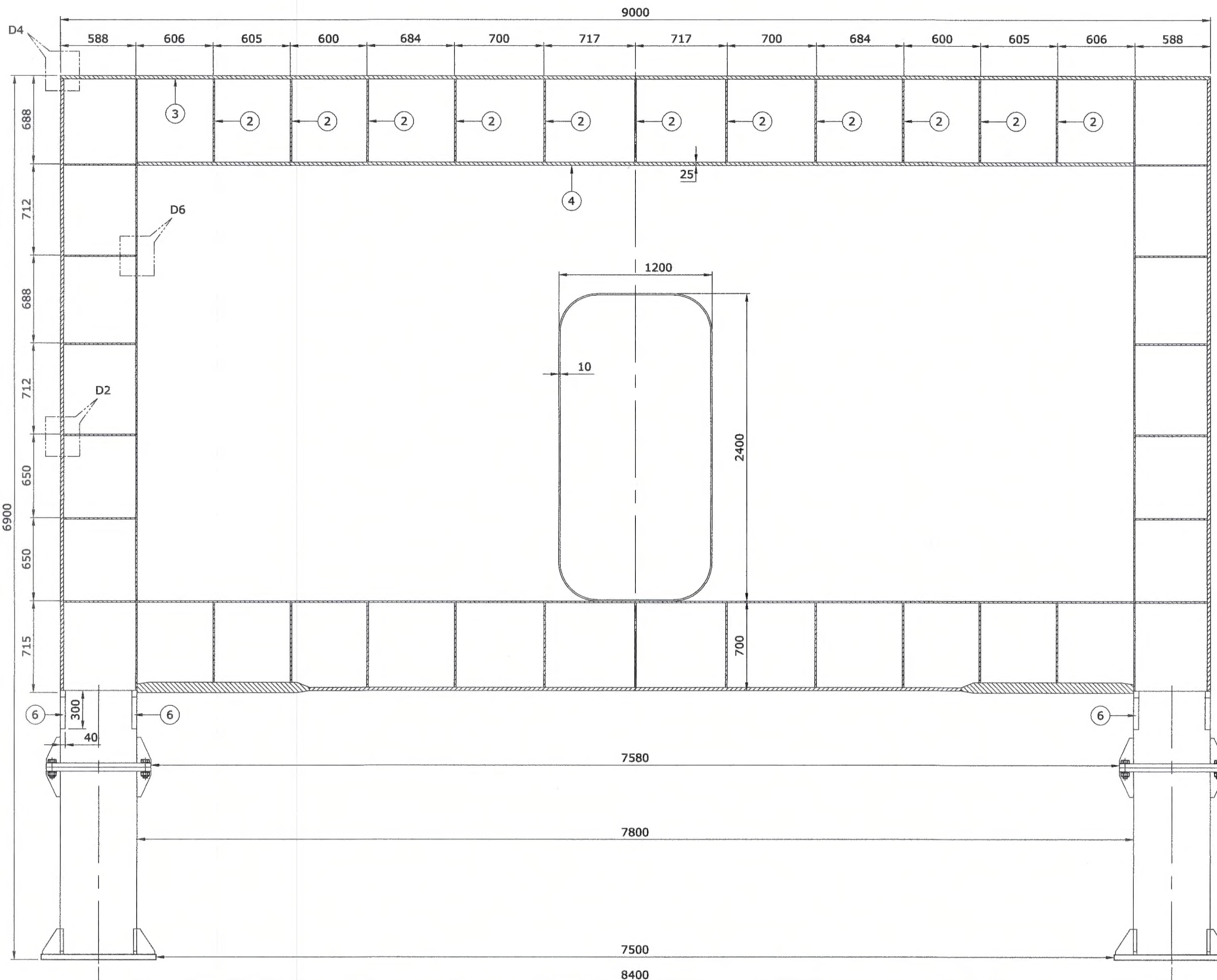
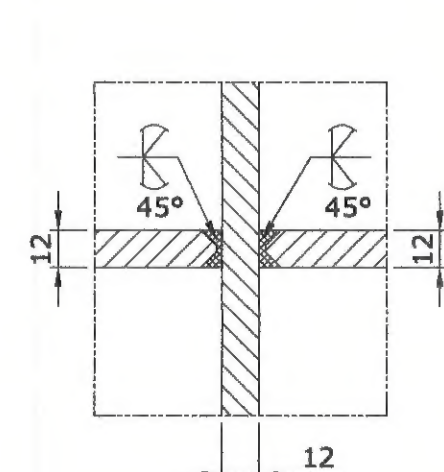


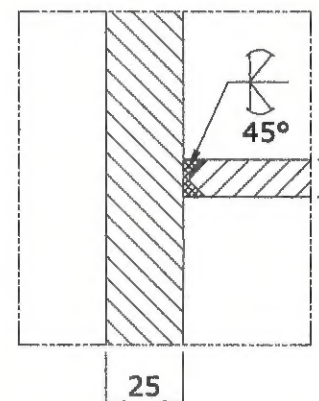
SECTION : S5-S5



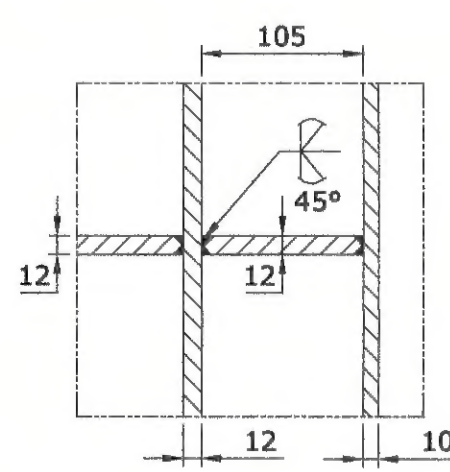
SECTION : S6-S6



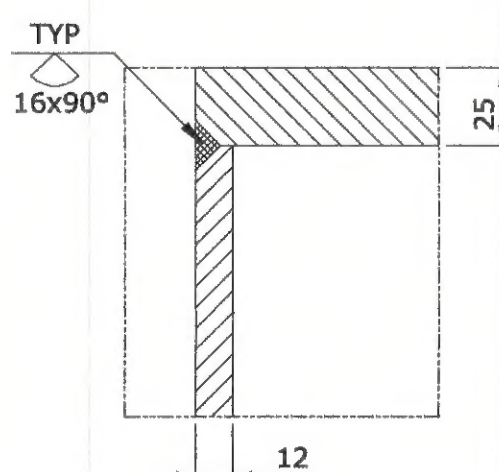
DETAIL : D1 (TYP)



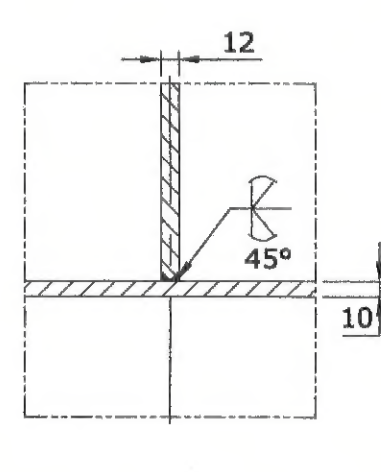
DETAIL : D2 (TYP)



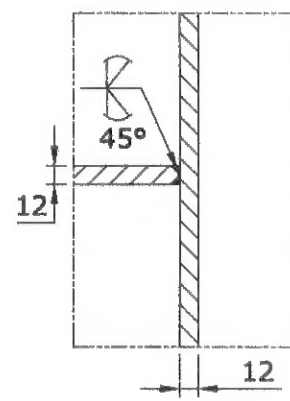
DETAIL : D3 (TYP)



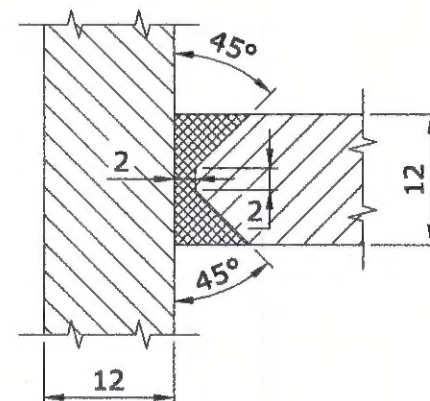
DETAIL : D4 (TYP)



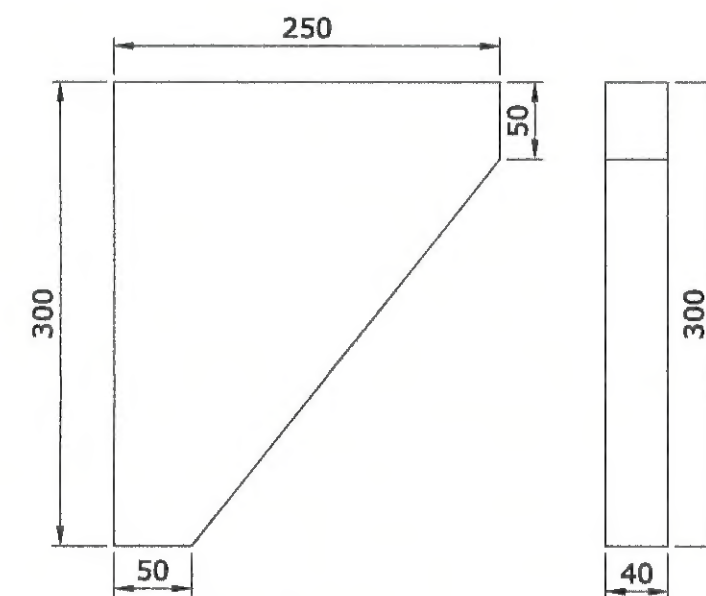
DETAIL : D5 (TYP)



DETAIL : D6 (TYP)



BUTT WELD(TYP)



PART NO : 6

NOTES:-

1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
6. FINAL MACHINING SHALL BE CARRIED OUT AFTER STRESS RELIEVING.
7. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATION.

STATUS	SIGN	DATE
DISCUSSION / REVIEW		
TENDER PURPOSE		
FABRICATION		
UNRESTRICTED	RESTRICTED	CONFIDENTIAL
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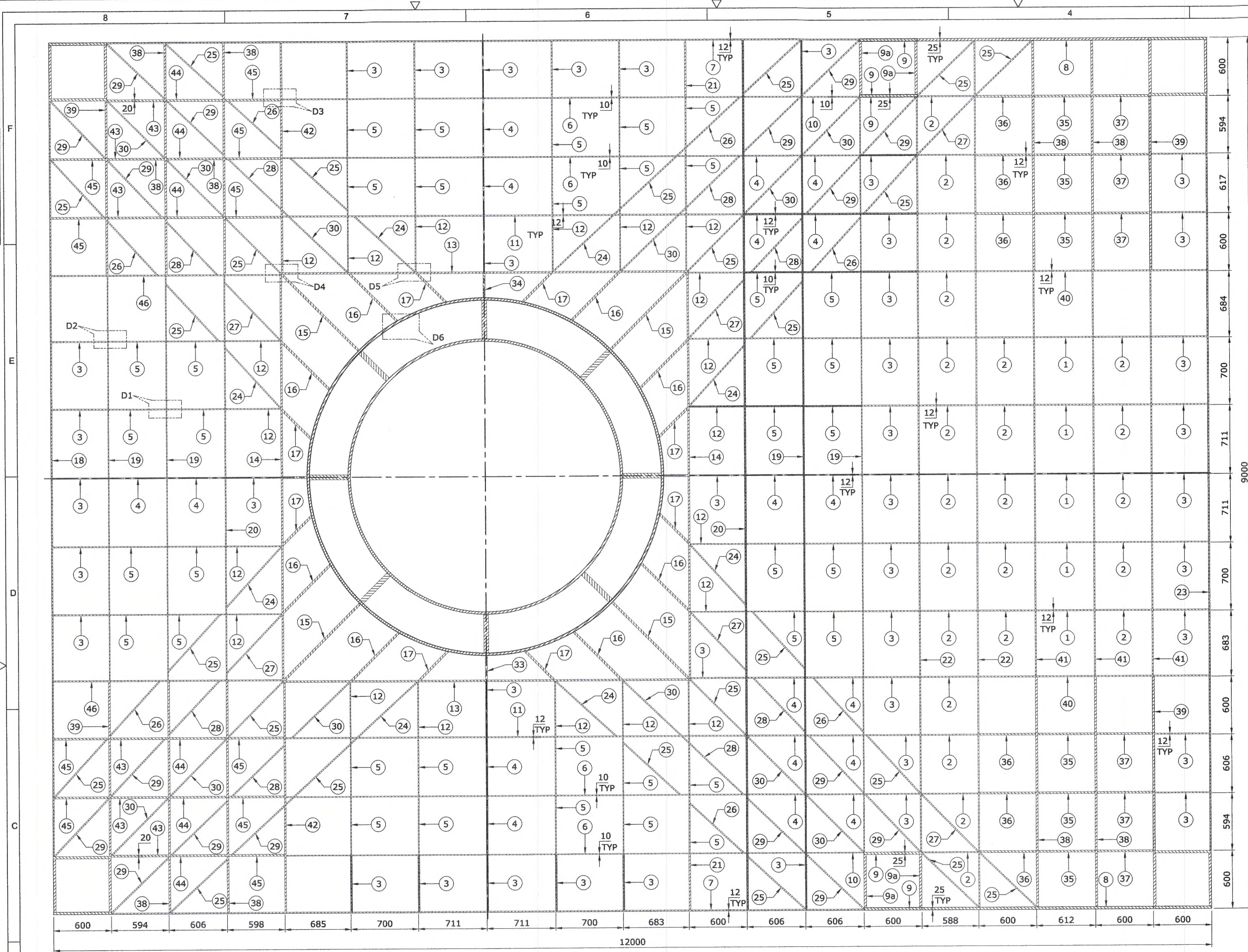
DO NOT SCALE THE DRAWING
ASK IF IN DOUBT
UNLESS OTHERWISE SHOWN
ALL DIMENSIONS ARE IN MILLIMETERS
REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 8 - 25 ▽ 1.6 - 8
▽▽ 0.025 - 1.6 ▽▽▽ < 0.025

DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)	
DIAMETERS & LENGTHS UPTO & INCL	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL
6 - 30 ±0.2	1- 6 ± 1'-00
30 - 120 ±0.3	6- 30 ± 0'-30
120 - 315 ±0.5	30-120 ± 0'-20
315 - 1000 ±0.8	120-400 ± 0'-10
1000 - 2000 ±1.2	
2000 - 4000 ±2.0	
4000 & ABOVE ±3.0	

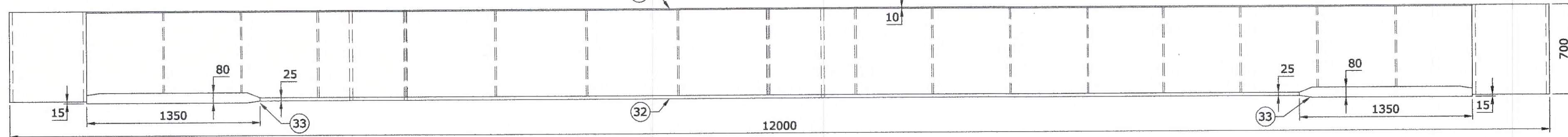
SCEND
SHAR CENTRAL DESIGNS
DESIGNED
DES.CHECKED
DRAWN
DRG.CHECKED
APPROVED

TOTAL WEIGHT 15043 kg(Approx.)				
7	PLATE 3578 x 650 x 16Thk	IS : 2082 E250 Gr : B	2	584
6	STIFFENER 300 x 250 x 40	IS : 2082 E250 Gr : B	8	188
5	PLATE 8375 x 676 x 12Thk	IS : 2082 E250 Gr : B	3	1800
4	PLATE 8375 x 2988 x 25Thk	IS : 2082 E250 Gr : B	1	4911
3	PLATE 9000 x 3000 x 25Thk	IS : 2082 E250 Gr : B	1	5299
2	PLATE 3576 x 650 x 12Thk	IS : 2082 E250 Gr : B	9	1971
1	PLATE 700 x 676 x 12Thk	IS : 2082 E250 Gr : B	11	490
S.NO	DESCRIPTION	MATERIAL	QTY	W.T
REMARKS				

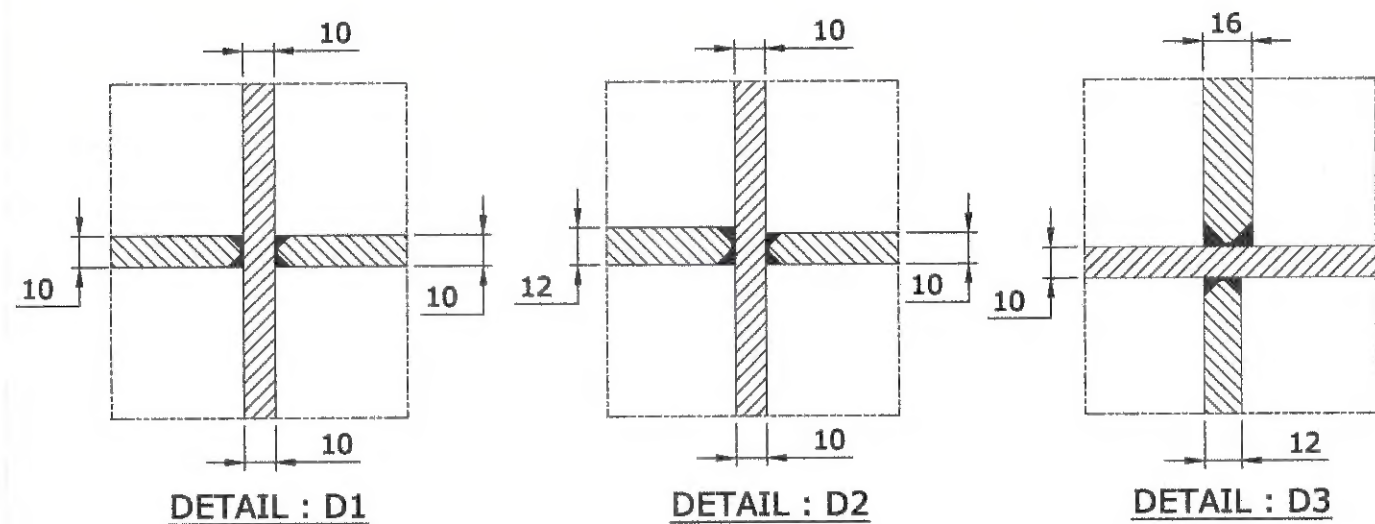
TITLE SECTIONAL DETAILS OF S5-S5 & S6-S6 OF MLP (SLC PROJECT)				
GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA				
SCALE 1 : 25		DRG. NO. 10-STR-12-1-23/A1		SHEET 5 OF 14



SECTION : S7-S7
BOTTOM DECK



ELEVATION



- NOTES:-
1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
 2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
 3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
 4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
 5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
 6. FINAL MACHINING SHALL BE CARRIED OUT AFTER STRESS RELIEVING.
 7. CHECK THE STATUS OF THE DRAWING BEFORE STARTING FABRICATION.

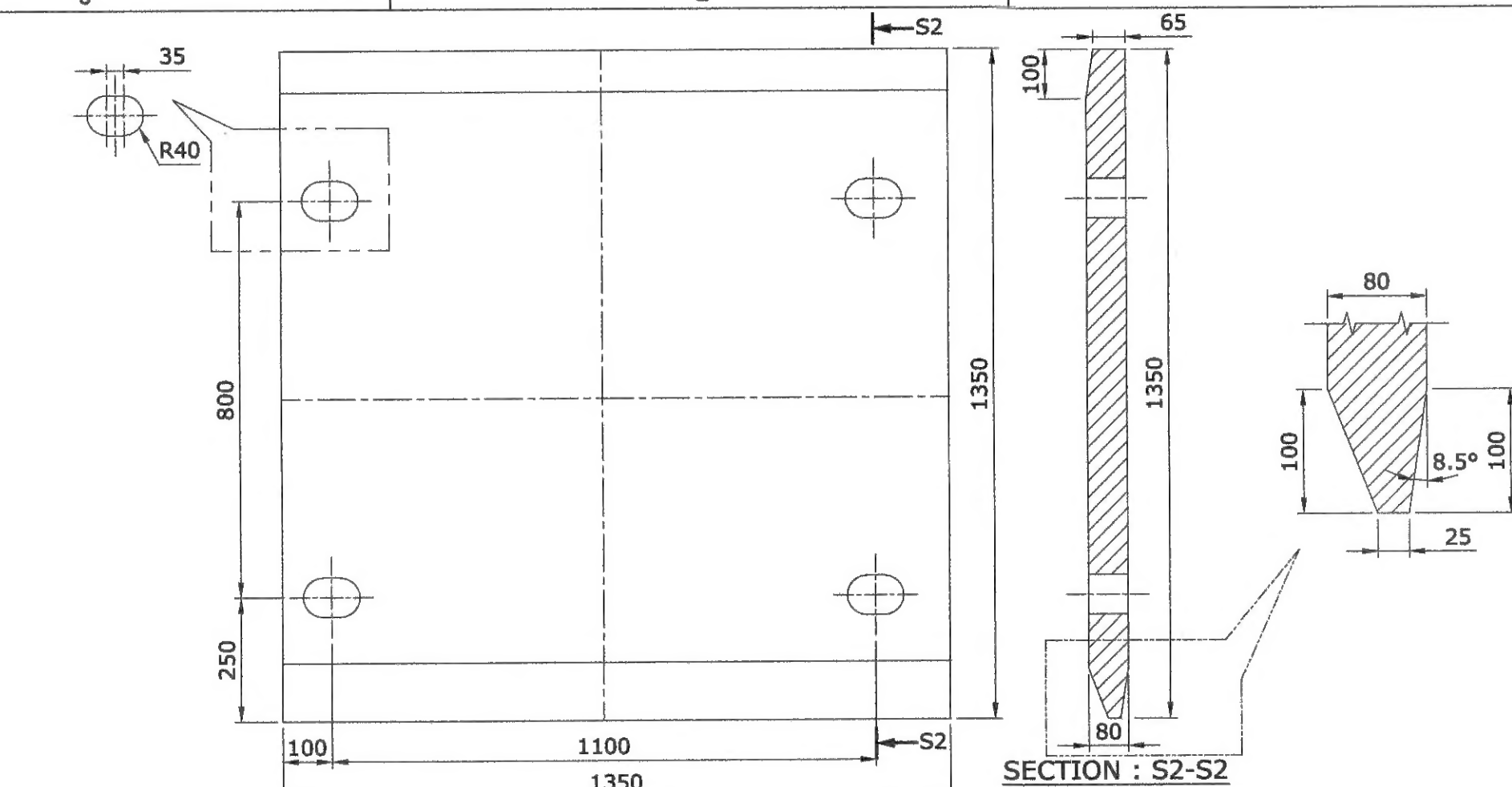
STATUS	SIGN	DATE
DISCUSSION / REVIEW		
TENDER PURPOSE		
FABRICATION		
UNRESTRICTED	RESTRICTED	CONFIDENTIAL
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DO NOT SCALE THE DRAWING
ASK IF IN DOUBT
UNLESS OTHERWISE SHOWN
ALL DIMENSIONS ARE IN MILLIMETERS
REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 8 - 25 ▽ 1.6 - 8
▽▽ 0.025 - 1.6 ▽▽▽ < 0.025

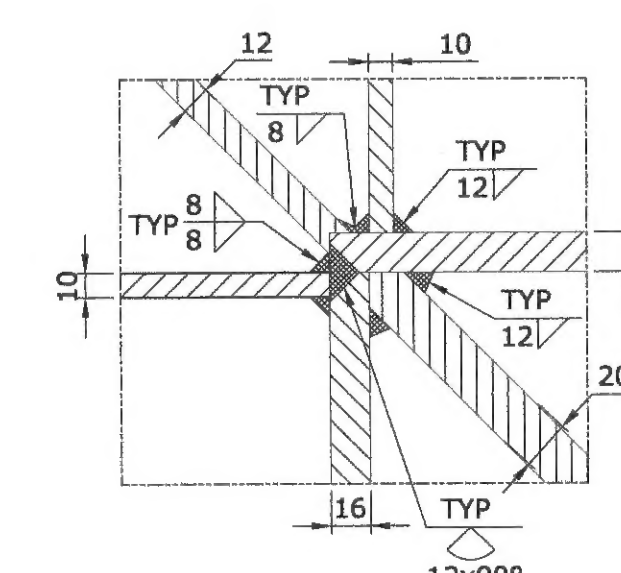
DIAMETERS & LENGTHS	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL.
UPTO & INCL. 6 ± 0.1	1 - 6 ± 1'-00
6 - 30 ± 0.2	6 - 30 ± 0'-30
30 - 120 ± 0.3	30 - 120 ± 0'-20
120 - 315 ± 0.5	120 - 400 ± 0'-10
315 - 1000 ± 0.8	
1000 - 2000 ± 1.2	
2000 - 4000 ± 2.0	
4000 & ABOVE ± 3.0	

DESIGNER	DRAWN	APPROVED
SHAR CENTRAL DESIGNS	SHAR CENTRAL DESIGNS	SHAR CENTRAL DESIGNS
DESIGNER	DRAWN	APPROVED
DESIGNER	DRAWN	APPROVED
DESIGNER	DRAWN	APPROVED

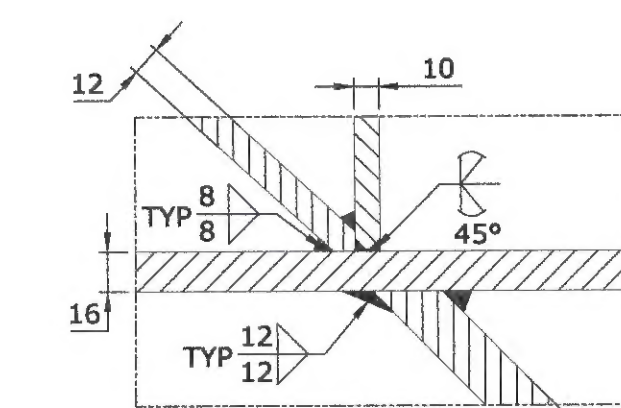
S.NO	DESCRIPTION	MATERIAL	QTY	W.T	REMARKS
46	PLATE 2375 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	297	
45	PLATE 6565 x 578 x 20Thk	IS : 2062 E250 Gr : B	10	603	
44	PLATE 665 x 588 x 20Thk	IS : 2062 E250 Gr : B	6	367	
43	PLATE 665 x 594 x 20Thk	IS : 2062 E250 Gr : B	6	372	
42	PLATE 2375 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	397	
41	PLATE 4120 x 665 x 12Thk	IS : 2062 E250 Gr : B	3	774	
40	PLATE 2388 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	299	
39	PLATE 1800 x 665 x 20Thk	IS : 2062 E250 Gr : B	4	752	
38	PLATE 2375 x 665 x 20Thk	IS : 2062 E250 Gr : B	8	1984	
37	PLATE 665 x 580 x 20Thk	IS : 2062 E250 Gr : B	6	363	
36	PLATE 665 x 588 x 20Thk	IS : 2062 E250 Gr : B	6	368	
35	PLATE 665 x 592 x 20Thk	IS : 2062 E250 Gr : B	6	371	
34	PLATE 665 x 250 x 25Thk	IS : 2062 E250 Gr : B	4	131	
33	PLATE 1350 x 1350 x 80Thk	IS : 2062 E250 Gr : B	4	4578	
32	BOTTOM PLATE 12000 x 9000 x 25Thk	IS : 2062 E250 Gr : B	1	21195	
31	TOP PLATE 12000 x 9000 x 10Thk	IS : 2062 E250 Gr : B	1	8478	
30	PLATE 835 x 665 x 12Thk	IS : 2062 E250 Gr : B	12	628	
29	PLATE 622 x 665 x 12Thk	IS : 2062 E250 Gr : B	16	824	
28	PLATE 773 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	387	
27	PLATE 828 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	415	
26	PLATE 766 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	384	
25	PLATE 810 x 665 x 12Thk	IS : 2062 E250 Gr : B	24	1218	
24	PLATE 645 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	423	
23	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	1	489	
22	PLATE 8950 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1121	
21	PLATE 665 x 578 x 16Thk	IS : 2062 E250 Gr : B	2	97	
20	PLATE 8976 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1125	
19	PLATE 7800 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1629	
18	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	1	489	
17	PLATE 665 x 420 x 20Thk	IS : 2062 E250 Gr : B	8	351	
16	PLATE 697 x 665 x 20Thk	IS : 2062 E250 Gr : B	8	582	
15	PLATE 1110 x 665 x 20Thk	IS : 2062 E250 Gr : B	4	464	
14	PLATE 4200 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	702	
13	PLATE 4232 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	707	
12	PLATE 665 x 572 x 10Thk	IS : 2062 E250 Gr : B	21	627	
11	PLATE 5376 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	674	
10	PLATE 1200 x 665 x 20Thk	IS : 2062 E250 Gr : B	2	251	
9a	PLATE 665 x 550 x 25Thk	IS : 2062 E250 Gr : B	4	287	
9	PLATE 665 x 600 x 25Thk	IS : 2062 E250 Gr : B	4	313	
8	PLATE 2400 x 665 x 25Thk	IS : 2062 E250 Gr : B	2	626	
7	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	977	
6	PLATE 5376 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1123	
5	PLATE 665 x 595 x 10Thk	IS : 2062 E250 Gr : B	40	1242	
4	PLATE 665 x 595 x 12Thk	IS : 2062 E250 Gr : B	28	1044	
3	PLATE 665 x 578 x 12Thk	IS : 2062 E250 Gr : B	43	1557	
2	PLATE 665 x 588 x 12Thk	IS : 2062 E250 Gr : B	37	1363	
1	PLATE 665 x 600 x 12Thk	IS : 2062 E250 Gr : B	12	451	



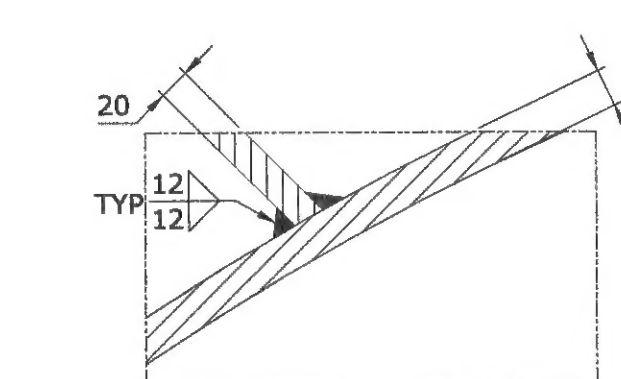
PART NO : 33



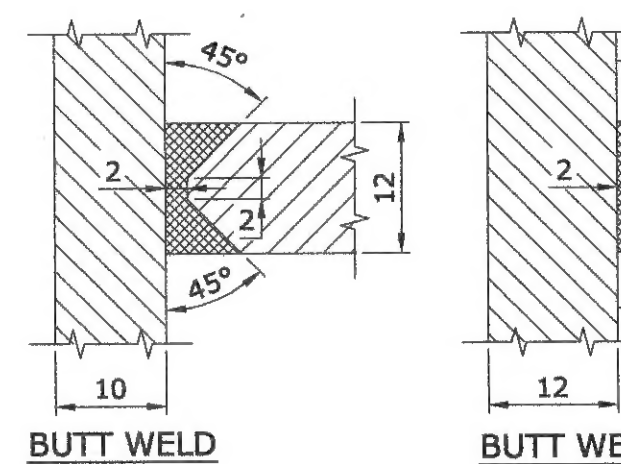
DETAIL : D4



DETAIL : D5



DETAIL : D6



BUTT WELD

BUTT WELD

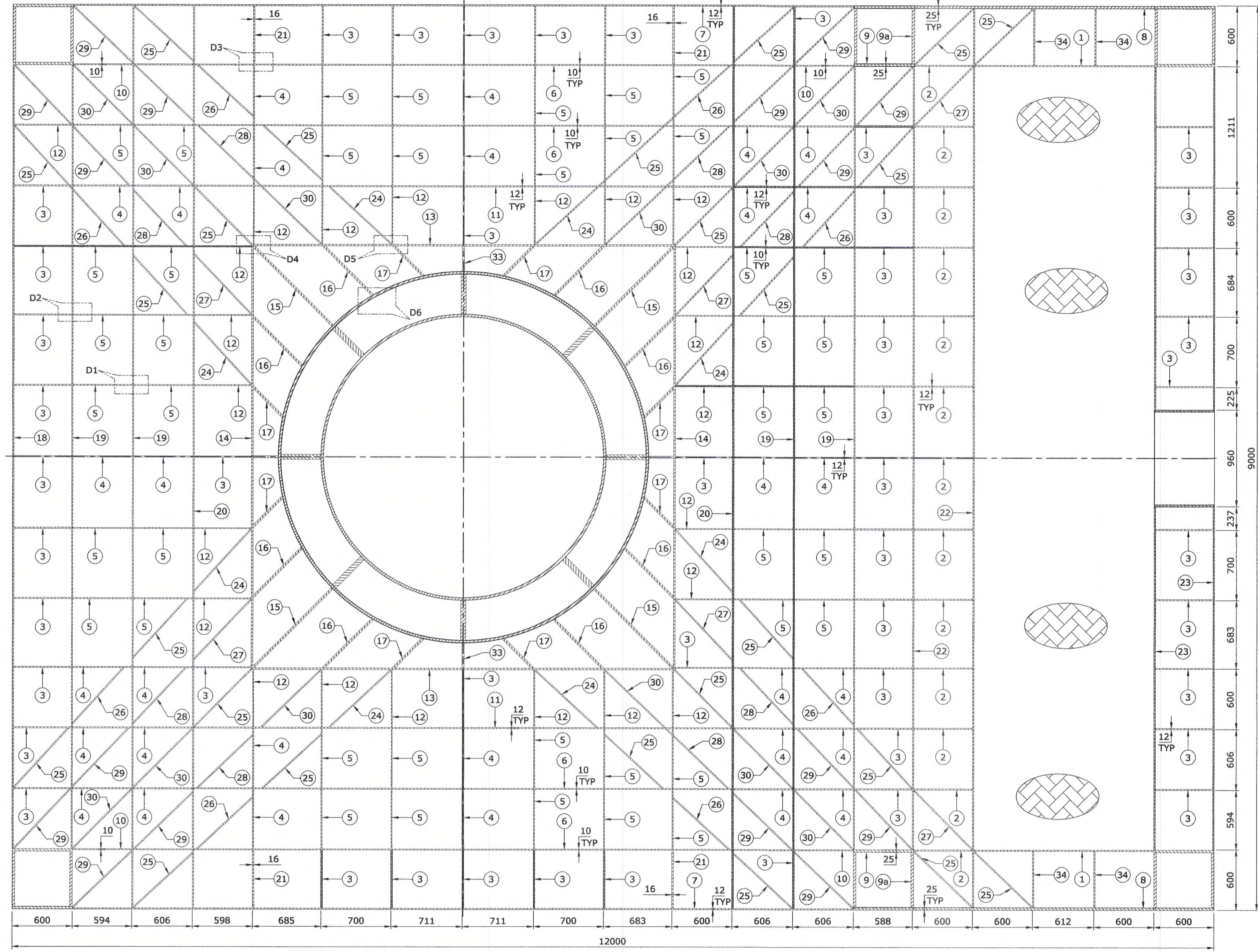
TOTAL WEIGHT 64172 kg(Approx.)

SCEND

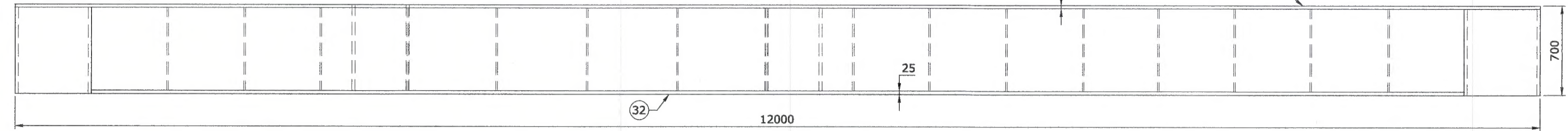
TITLE
DETAILS OF BOTTOM DECK FOR MLP
(SLC PROJECT)

GOVERNMENT OF INDIA
INDIAN SPACE RESEARCH ORGANISATION
SATISH DHAWAN SPACE CENTRE SHAR
SRIHARIKOTA

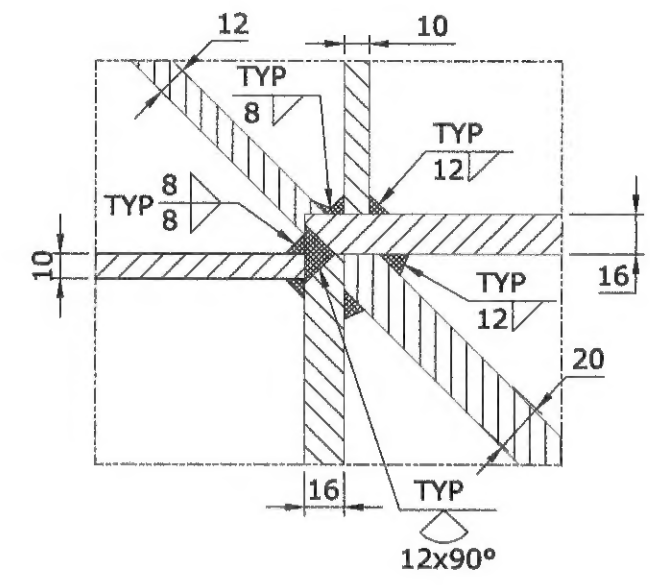
SCALE 1 : 25
DRG. NO. 10-STR-12-13/A1
SHEET 6 OF 14



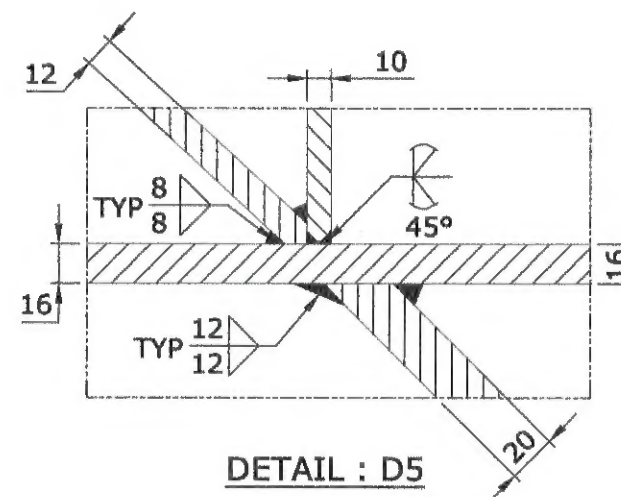
SECTION : S9-S9
TOP DECK



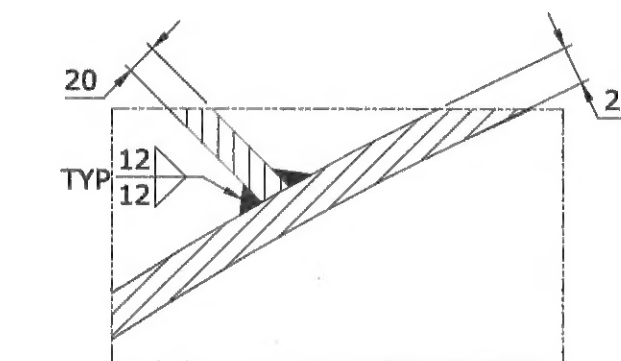
ELEVATION



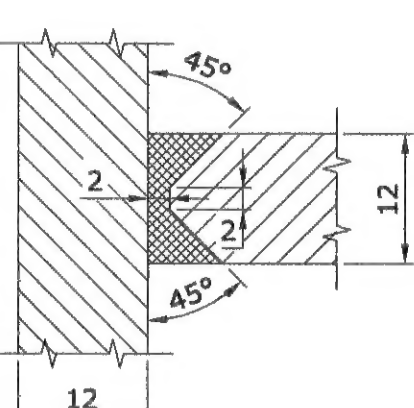
DETAIL : D4



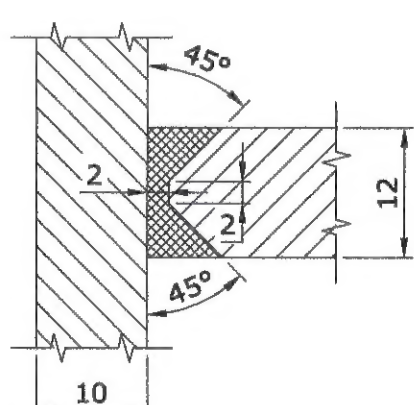
DETAIL : D5



DETAIL : D6



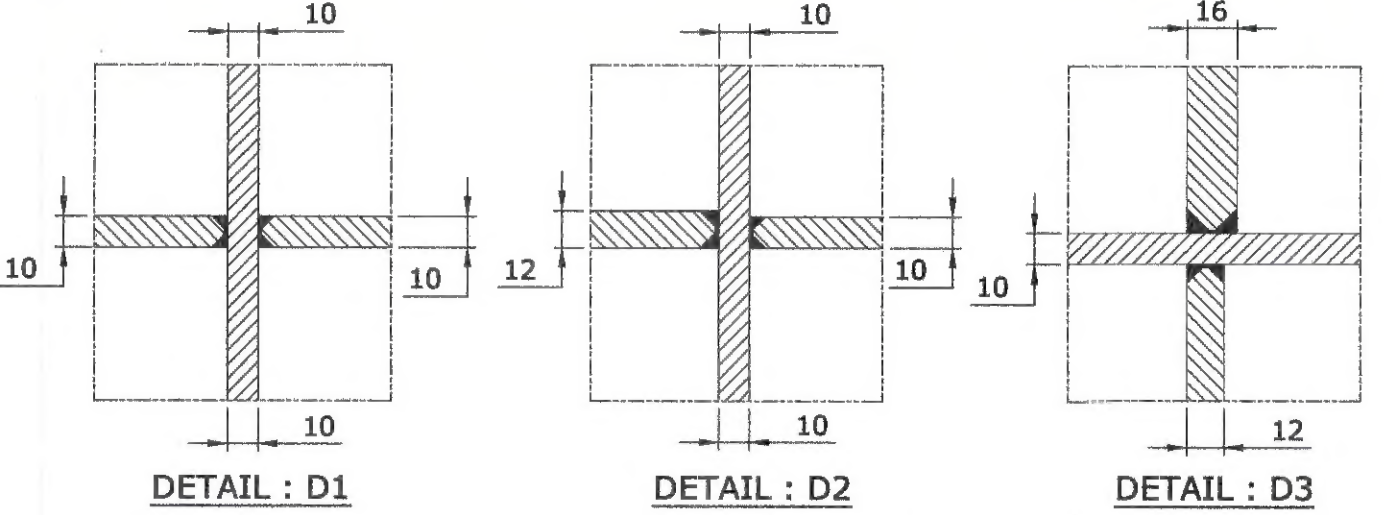
BUTT WELD



BUTT WELD

TOTAL WEIGHT 55239 kg(Approx.)

34	PLATE 665 x 563 x 12Thk	IS : 2062 E250 Gr : B	4	141	
33	PLATE 665 x 250 x 25Thk	IS : 2062 E250 Gr : B	4	131	
32	BOTTOM PLATE 9000 x 8990 x 25Thk	IS : 2062 E250 Gr : B	1	15879	
31	TOP PLATE 9000 x 8990 x 25Thk	IS : 2062 E250 Gr : B	1	15879	
30	PLATE 835 x 665 x 12Thk	IS : 2062 E250 Gr : B	12	628	
29	PLATE 822 x 665 x 12Thk	IS : 2062 E250 Gr : B	16	824	
28	PLATE 773 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	387	
27	PLATE 828 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	415	
26	PLATE 766 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	384	
25	PLATE 810 x 665 x 12Thk	IS : 2062 E250 Gr : B	24	1218	
24	PLATE 845 x 665 x 12Thk	IS : 2062 E250 Gr : B	8	423	
23	PLATE 3420 x 665 x 12Thk	IS : 2062 E250 Gr : B	4	857	
22	PLATE 8950 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1121	
21	PLATE 665 x 578 x 16Thk	IS : 2062 E250 Gr : B	4	193	
20	PLATE 8976 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	1125	
19	PLATE 7800 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1629	
18	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	1	489	
17	PLATE 665 x 420 x 20Thk	IS : 2062 E250 Gr : B	8	351	
16	PLATE 697 x 665 x 20Thk	IS : 2062 E250 Gr : B	8	582	
15	PLATE 1110 x 665 x 20Thk	IS : 2062 E250 Gr : B	4	464	
14	PLATE 4200 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	702	
13	PLATE 4232 x 665 x 16Thk	IS : 2062 E250 Gr : B	2	707	
12	PLATE 865 x 572 x 10Thk	IS : 2062 E250 Gr : B	23	687	
11	PLATE 5376 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	674	
10	PLATE 1200 x 665 x 10Thk	IS : 2062 E250 Gr : B	2	125	
9a	PLATE 665 x 550 x 25Thk	IS : 2062 E250 Gr : B	4	287	
9	PLATE 665 x 600 x 25Thk	IS : 2062 E250 Gr : B	4	313	
8	PLATE 2400 x 665 x 25Thk	IS : 2062 E250 Gr : B	2	626	
7	PLATE 7800 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	977	
6	PLATE 5376 x 665 x 10Thk	IS : 2062 E250 Gr : B	4	1123	
5	PLATE 665 x 595 x 10Thk	IS : 2062 E250 Gr : B	41	1273	
4	PLATE 665 x 595 x 12Thk	IS : 2062 E250 Gr : B	30	1118	
3	PLATE 665 x 578 x 12Thk	IS : 2062 E250 Gr : B	51	1847	
2	PLATE 665 x 588 x 12Thk	IS : 2062 E250 Gr : B	39	1437	
1	PLATE 1800 x 665 x 12Thk	IS : 2062 E250 Gr : B	2	226	
S.NO	DESCRIPTION	MATERIAL	QTY	W.T	REMARKS



- NOTES:-
1. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS.
 2. ALL PLATES ABOVE 20mm THICK SHALL BE UT TESTED.
 3. ALL WELDS ARE OF 10mm SIZE FILLET UNLESS OTHERWISE SPECIFIED.
 4. ALL WELDS ARE TO BE DP TESTED FOR ROOT AND FINAL PASSES TO ENSURE WELD QUALITY.
 5. ALL BUTT WELD JOINTS SHALL BE 100% R.T CHECKED.
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STATUS	SIGN	DATE
DISCUSSION / REVIEW		
TENDER PURPOSE		
FABRICATION		
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REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 8 - 25 ▽ 1.6 - 8
▽▽ 0.025 - 1.6 ▽▽▽ < 0.025

DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)	
DIAMETERS & LENGTHS UPTO & INCL 6 ±0.1	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL
6 - 30 ±0.2	1- 6 ± 1°-00
30 - 120 ±0.3	6- 30 ± 0°-30
120 - 315 ±0.5	30-120 ± 0°-20
315 - 1000 ±0.8	120-400 ± 0°-10
1000 - 2000 ±1.2	
2000 - 4000 ±2.0	
4000 & ABOVE ±3.0	

SCEND	
SHAR CENTRAL DESIGNS	
DESIGNED	DRN
DRAWN	GREENU.R09-10-23
DRG.CKDD	09/10/23
APPROVED	
SIGN.	DATE

TITLE DETAILS OF TOP DECK FOR MLP SECTION : S9-S9 (SLC PROJECT)				
GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA				
SCALE	1 : 25	DRG. NO.	10-STR-12-1-23/A1	SHEET 7 OF 14

